KT&C, Inc.

STAND BEHIND OUR PRODUCTS

Part No.: KPC-E700NU

KPC-E700NUB

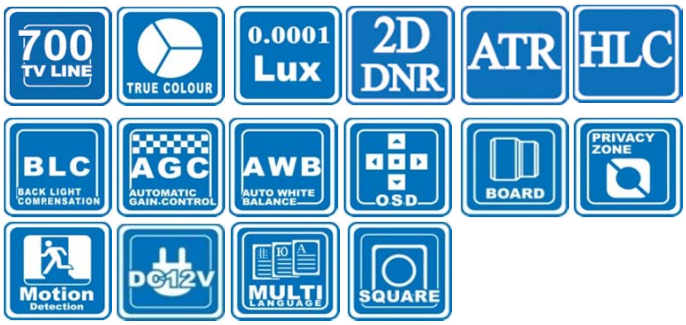
KPC-E700NUP1

KPC-E700NUP3

KPC-E700NUP4

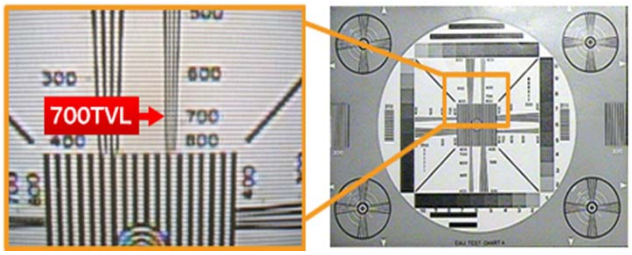
High Quality Mini Bullet Camera

- 700TVL Horizontal Resolution
- Min. Illumination of 0.0001 Lux
- Digital Noise Reduction
- Adaptive Tone-curve Reproduction (D-WDR)
- Digital Day & Night
- OSD with Built-in Joystick Controller
- Privacy Masking (8 Zones)
- Super Compact size of 1.18″(W) X 1.18″(H)



Key Features

- 1/3″ 960H Interline CCD
- 700TVL Horizontal Resolution
- Digital Day & Night
- 2D Digital Noise Reduction (2D DNR)
- Adaptive Tone-curve Reproduction (Digital WDR)
- Back Light Compensation (BLC)
- Highlight Compensation (HLC)
- 4-Zone (Privacy Masking / Motion Detection)
- Mirror / Brightness / Contrast / Sharpness / Hue / Gain
- Multilingual On Screen Display (OSD) Menu
- DC 12V



Adaptive Tone-curve Reproduction (Digital WDR)

ATR enhances the image quality between two contrasting light sources. It compensates for the dark and bright images without any saturation to obtain the best possible picture.

NORMAL

BLC

ATR ON

2D Digital Noise Reduction (2D DNR)

The amount of low luminance noise if remarkably reduced and signal-to-noise ratio (S/N) as well as horizontal resolution dramatically improved, it results in a clear and sharp image display even in the dark lighting condition.

High Color Reproduction

KPC-E700NU is equipped with more excellent color reproduction from wide range of ATW. (1,800K to 10,500K)

Color Chart Under Halogen Lamp

Still Object under Artificial Sunlight

Conventional KPC-E700NU

* Specifications & Features are subject to change without prior notice.

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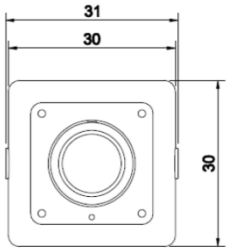
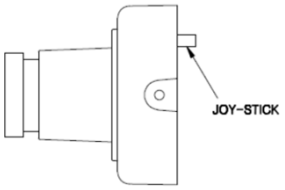
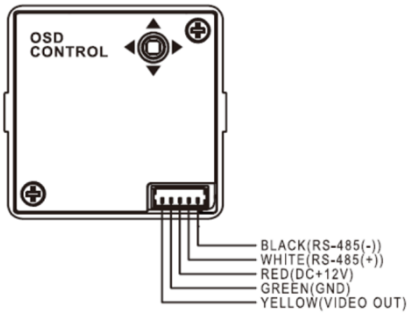
General Feature Diagram







Technical Specification

Model	KPC-E700NU
Signal System	NTSC
Image Sensor	1/3" 960H Interline CCD
Scanning System	2:1 Interlace
Scanning Frequency (H) x (V)	15.734 KHz x 59.94 Hz
Total Pixels	1020(H) x 508(V)
Effective Pixels	976(H) x 494(V)
Synchronization	Internal
Horizontal Resolution	700 TV Lines
S/N	More than 50dB (AGC Off)
Min. Illumination	0.0001 Lux / Faceplate
Shutter Speed	1/60 ~ 1/10,000 sec
Video Output Level	1.0 Vp-p Composite (75Ω)
Day and Night	Auto, Color, B/W
Operating Temperature	-10 ˚C ~ 50 ˚C (14 ˚F ~ 122 ˚F)
Storage Temperature	-20 ˚C ~ 60 ˚C (-4 ˚F ~ 140 ˚F)
Humidity	Less than 80%
Power Supply	DC 12V (Max 110mA)

Lens Option

	Type	Board Lens (B)							Pinhole Lens			Vari-focal Lens / Fixed Iris (V)
									(P1)	(P3)	(P4)	
Lens (mm)	Focal Length	2.45	2.97	3.6	6	8	12	16	3.7	3.7	4.3	4.0-8.0
	Aperture	F2.0	F2.0	F2.0	F2.0	F2.0	F2.0	F2.2	F2.0	F2.0	F2.0	F2.0-360
	Angle of View	150˚	130˚	92˚	53˚	40˚	28˚	19˚	90˚	90˚	78˚	89.2˚ - 44.2˚

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Last updated 2/21/2012

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